NWS FORM E-5	U.S. DEPARTMENT OF COMMERCE	HYDROLOGIC SERVICE AREA (HSA)	
(11-88)	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		
(PRES. BY WSOM E-41)	NATIONAL WEATHER SERVICE	San Angelo, TX	
MONTHLY	REPORT OF RIVER AND FLOOD CONDITIONS	REPORT FOR:  MONTH YEAR  October 2003	
TO:	Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	SIGNATURE  Jason Johnson In Charge of HSA	
		DATE November 17, 2003	

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

[X] No flood stages were reached in this HSA for the month above.

The first half of October brought beneficial rains over most of West Central Texas. From October 5<sup>th</sup> through the 12<sup>th</sup>, numerous showers and thunderstorms occurred which were brought on by a sequence of cold fronts moving through the region interacting with abundant moisture and some upper level disturbances. The heaviest rainfall occurred over the 8<sup>th</sup> and 9<sup>th</sup> of the month, with areas in the Concho Valley, Heartland and Northwest Hill Country reporting rainfall amounts in excess of four inches. Brownwood reported a total of 5.55 inches on the 9<sup>th</sup>. This heavy rainfall caused flash flooding in Brownwood that resulted in road closures and evacuation from a few apartments. These systems also produced other localized heavy rain causing flash flooding across several counties in the HSA.

While most of the Big Country received rain during this period, the rainfall totals were not as generous when compared to the rest of West Central Texas. Many areas across the Big Country continue to run a rainfall deficit.

For the month of October, San Angelo Regional Airport received 3.38 inches of rain. This is 0.81 of an inch above the monthly normal of 2.57 inches. Abilene Regional Airport received 1.81 inches of rain in October, which is 1.09 inches below the monthly normal of 2.90 inches.

## Rainfall Totals for October, 2003

	Amt		Amt
Station Name	(in)	Station Name	(in)
Abilene 2	2.36	Menard	2.24
Acton Ranch	3.88	Merkel 12SW	2.10
Albany	0.67	Oak Creek Lake	3.31
Anson	2.16	Ozona 1SSW	3.35
Ballinger 2NW	4.30	Paint Rock	2.91
Brady	2.95	Putnam	3.26
Brownwood	6.40	Richland Springs	2.86
Burkett	6.12	Robert Lee	3.28
Coleman	5.99	Roscoe	1.05
Concho Park	4.18	Rotan	0.84
Eldorado	3.87	San Angelo WFO	3.24
Eldorado 10W	2.87	San Saba 7NW	2.65
Eldorado 12N	5.12	Silver Valley	4.28
Fort Griffin	0.00	Sonora	3.60
Fort McKavett	3.26	Stamford	0.25
Funk Ranch	3.29	Sterling City	2.74
Glen Cove	6.58	Sterling City 8NE	3.06
Hamlin	0.91	Taylor Ranch	2.30
Haskell	0.39	Telegraph	2.68
Hords Creek	6.43	Throckmorton 7NE	0.32
Humble Pump	4.40	Trent	0.84
Junction 4SSW	3.05	Water Valley	3.04
Lake Abilene	3.44	Water Valley 11NE	3.03
Lawn	3.41	Winters	6.58
London 3N	2.22	Woodson	0.41
Mason	2.69		

## Reservoir Conditions (end of October, 2003)

Reservoir	Conservation Capacity (Ac-Ft)	Current Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	32,755	47
Lake Stamford	52,700	33,880	66
Hubbard Creek Lake	317,800	126,310	40
Hords Creek Lake	8,800	2,618	30
Lake Brownwood	131,428	128,196	98
E.V. Spence	488,760	44,190	9
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	3,262	3
O.H. Ivie	554,340	201,500	36

## **Hydro Products Issued**

**FFA** = 3

**FFW = 11** 

FLS = 4 (Urban and Small Stream)

RVS = 0

FLW = 0